

2012 KENTUCKY ASTHMA PROGRAM FACT SHEET: PURCHASE AREA DEVELOPMENT DISTRICT

- The Purchase District of Kentucky is comprised of 8 counties: Ballard, Carlisle, Hickman, Fulton, McCracken, Graves, Marshall, and Calloway.
- The 2011 Purchase District population was roughly 197,000. About 42,300 persons were younger than 18 (children), and about 154,800 were 18 or older (adults).

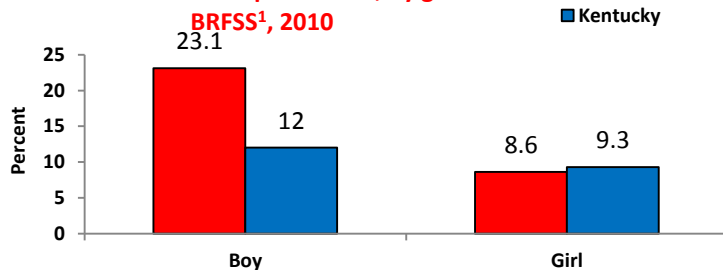


PREVALENCE

- In 2010, an estimated 6,500 children (15.8%) in the Purchase District currently had asthma, compared to 10.7% for Kentucky and 8.4% for the United States.¹ In 2011, an estimated 12,100 adults (7.8%) in this district currently had asthma, compared to 10.4% for Kentucky and 9.1% for the United States.¹

Child current asthma prevalence, by gender:

■ Purchase
■ Kentucky



Adult current asthma prevalence, by gender:

■ Purchase
■ Kentucky



- In 2010, child current asthma prevalence rate was higher in boys as compared to Kentucky. In 2011, adult current asthma prevalence rate was lower in both males and females in this district compared to Kentucky. (NOTE: BRFSS 2010 data cannot be compared to BRFSS 2011 data because of change in methodology)

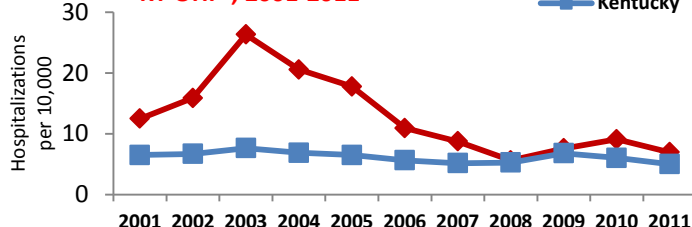
HOSPITALIZATIONS

- In 2011, the age-adjusted hospitalization rate for children was 6.9/10,000 persons compared to the Kentucky rate of 4.9/10,000 persons; while the age-adjusted hospitalization rate for adults was 8.2/10,000 persons compared to the Kentucky rate of 9.7/10,000 persons.

Child age-adjusted asthma hospitalizations:

KY OHP², 2001-2011

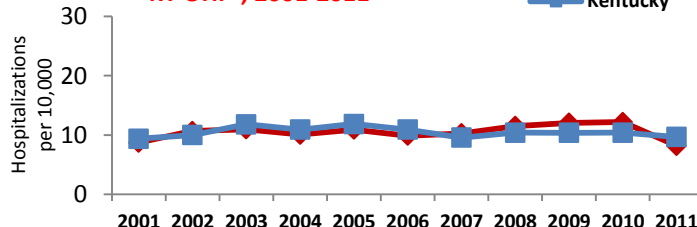
— Purchase
— Kentucky



Adult age-adjusted asthma hospitalizations:

KY OHP², 2001-2011

— Purchase
— Kentucky



- In 2011, child asthma hospitalizations were higher in Purchase District compared to the state, while adult asthma hospitalizations in this district were lower compared to the state. Between 2001 and 2011, this district averaged 11.7 asthma hospitalizations/10,000 persons/year, while Kentucky averaged 8.3 asthma hospitalizations/10,000 persons/ year over the same 11 year period.²

EMERGENCY DEPARTMENT VISITS

- In 2011, the asthma Emergency Department (ED) visits for children were 1.7/1,000 persons, compared to the state rate of 1.9/1,000 persons³ and for adults were 2.1/1,000 persons compared to the state rate of 2.5/1,000 persons.³

MORTALITY

- Between 2001 and 2010, the average age-adjusted asthma deaths were 0.91/100,000 persons/year in this district compared to 1.10/100,000 persons/year for Kentucky.⁴ In 2010, crude asthma death rates for Kentucky were 1.01/100,000 persons⁴ compared to the US crude death rate of 1.1/100,000 persons.⁵

NOTES:

1. Behavioral Risk Factor Surveillance System (BRFSS).

3. OHP: Preliminary data 2011.

5. CDC Wonder data: <http://wonder.cdc.gov/ucd-icd10.html>

2. Kentucky, Office of Health Policy (OHP), 2001-2011.

4. Office of Vital Statistics, Kentucky, 2001-2010.

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